



[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

[Advanced Scholar Search](#)

[Scholar Preferences](#)

[Scholar Help](#)

Scholar [All articles](#) - [Recent articles](#) Results **1 - 10** of about **2,650** for **fiber gyroscope model transfer function** (0.21 seconds)

All Results

[W Burns](#)

[J López-Higuer...](#)

[B Moslehi](#)

[R Moeller](#)

[K Sun](#)

[Stochastic and dynamic modeling of fiber gyros - all 3 versions »](#)

MS Bielas - Proceedings of SPIE, 2003 - [link.aip.org](#)

... is a nonlinear system **model** of the **fiber** gyro's closed-loop ... is simplified to a linear discrete dynamic **model**. ... in applying the discrete **transfer function** of the ...

[Cited by 21](#) - [Related Articles](#) - [Web Search](#)

[Drift of an optical fiber gyroscope caused by the Faraday effect- Influence of the earth's magnetic ... - all 8 versions »](#)

K HOTATE, K TABE - Applied Optics, 1986 - OSA

... In this **model**, the **transfer** matrix of each section is ex ... The phase difference between s and si, **gyroscope** bias, is given ... where L is the **fiber** length, and , and r ...

[Cited by 18](#) - [Related Articles](#) - [Web Search](#)

[Theory of polarization evolution in interferometric fiber-opticdepolarized gyros - all 9 versions »](#)

B Szafraniec, GA Sanders, T Center, H Inc, AZ ... - Lightwave Technology, Journal of, 1999 - [ieeexplore.ieee.org](#)

... describe the optical element between PM **fiber** axes for ... In the **model** we assume that input intensity is ... and it can be treated as a gyro **transfer function** , as is ...

[Cited by 19](#) - [Related Articles](#) - [Web Search](#)

[Clipping distortion in lightwave CATV systems: models, simulations, and measurements - all 5 versions »](#)

NJ Frigo, MR Phillips, GE Bodeep - Lightwave Technology, Journal of, 1993 - [ieeexplore.ieee.org](#)

... IGHTRAVE transmission of video signals over optical L **fiber** trunks has become ... 1 illustrates, the **model** transforms the **transfer function** (upper left ...

[Cited by 24](#) - [Related Articles](#) - [Web Search](#)

[\[BOOK\] Handbook of Optical Fibre Sensing Technology](#)

JM López-Higuera - 2002 - [books.google.com](#)

... 5 Choice of appropriate **model** 428 20.5 Stabilization of Gratings 429 ... 609 27.6 Interferometric Voltage Sensors 610 28 **Fibre** Optic **Gyroscope** for Industrial ...

[Cited by 72](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

[Novel amplified fiber-optic recirculating delay line processor - all 4 versions »](#)

B Moslehi, JW Goodman - Lightwave Technology, Journal of, 1992 - [ieeexplore.ieee.org](#)

... 2. **Fiber** optic recirculating delay Line layout : (a) Passive ... been taken into account in the **model** of F ... line which includes the gain G in its **transfer function**. ...

[Cited by 26](#) - [Related Articles](#) - [Web Search](#)

[A model of intermodulation distortion in non-linear multicarriersystems - all 4 versions »](#)

NJ Frigo - Communications, IEEE Transactions on, 1994 - [ieeexplore.ieee.org](#)

... In Section 11 the central idea of the modified **transfer function** is discussed as a physical **model** and set down as a procedure, while results for the clipping ...

[Cited by 7](#) - [Related Articles](#) - [Web Search](#)

[Phase error bounds of fiber gyro with polarization-holding fiber - all 5 versions »](#)

W Burns - Lightwave Technology, Journal of, 1986 - [ieeexplore.ieee.org](#)

... BURNS: **FIBER** GYRO WITH POLARIZATION-HOLDING **FIBER** as ... 3. **Model** for coherence **function** versus **fiber** length ... of the **fiber transfer** matrix sums the field components ...

[Cited by 5](#) - [Related Articles](#) - [Web Search](#)